



LEGEND 710 PCIe Gen3 x4 M.2 2280 Solid State Drive

Make your creations legendary with the ADATA LEGEND 710. Enhance your creativity with sustained read/write speeds of up to 2,400/1,800MB per second on the latest Intel and AMD platforms.

Features

- Ultra-fast PCIe Gen3 x4 interface
- R/W speed up to 2,400/1,800MB/s
- NVMe 1.4 support
- Heat sink reduces temp. by up to 15%
- Supports Host Memory Buffer(HMB)
- Advanced hardware LDPC ECC Technology
- AES 256-bit encryption support
- Great upgrade option for creators
- For aspiring or amateur content creators looking to edit photos/videos, illustrate, and other tasks.
- Free software: SSD Toolbox and Migration Utility

Ordering Information

Capacity	Model Number	EAN Code			
512GB	ALEG-710-512GCS	4711085937834			
1TB	ALEG-710-1TCS	4711085937841			





Specifications

• Capacity: 512GB / 1TB NAND Flash: 3D NAND

• Interface: PCle Gen3 x4

• Form Factor: M.2 2280 • Sequential read/write (Max.):

Read 2,400MB/s; write 1,800MB/s

• 4K random read/write IOPS (Max.): 180K/150K

 Operating Temperature: 0°C-70°C • Storage Temperature: -40°C-85°C

Shock Resistance: 1500G/0.5ms

• Dimensions (L x W x H):

80 x 22 x 3.13mm (with heat sink)

80 x 22 x 2.15mm (without heat sink)

• Weight:

9g / 0.32oz (with heat sink) 6.2g / 0.22oz (without heat sink)

• Terabytes Written (TBW)(Max. capacity): 260TB

• MTBF: 1,500,000 hours • Warranty: 3-year limited

• Certifications: CE, FCC, BSMI, KC, EAC, RCM, morocco,

UKCA, RoHS

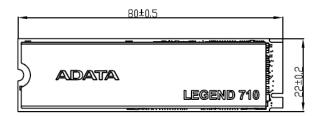
Performance

Capacity	ATTO*		CDM-QD32T1*		AS SSD*		4K Random*		
	Seq. Read (MB/s)	Seq. Write (MB/s)	Seq. Read	Seq. Write	Seq. Read (MB/s)	Seq. Write (MB/s)	Read (IOPS)	Write (IOPS)	TBW**
	(IVID/S)	(IVID/S)	(MB/s)	(MB/s)	(IVID/S)	(IVID/S)	(IOPS)	(10P3)	
512GB	Up to 2400	Up to 1000	Up to 2400	Up to 1000	Up to 2400	Up to 1000	90K	150K	130TB
1TB	Up to 2400	Up to 1800	Up to 2400	Up to 1800	Up to 2400	Up to 1800	180K	150K	260TB

^{*}Performance may vary based on SSD capacity, hardware test platform, test software, operating system, and other system variables

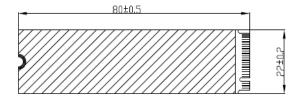
Schematics

<With heatsink>





<Without heatsink>





ADATA Technology Co., Ltd

2F, No.258 Liancheng Rd.,

Zhonghe Dist., New Taipei City 235, Taiwan

T: +886-2-8228-0886 F: +886-2-8228-0887 E: adata@adata.com





CAN ICES-3 (B)/NMB-3(B)











^{**}The value is the minimum amount of terabyte written that could be reached.